TANGRAMS

You should use a ruler and a protractor. Measure carefully

YOU MUST BE ACCURATE

Use the cardboard provided. You will need a pair of scissors.

1. Measure and draw a 4 inch square
2. Label the vertices ABCD-in order around the square
3. Draw 
4. Locate-accurately-the midpoint of . Call it E.
5. Locate-accurately-the midpoint of . Call it F.
6. Draw.
7. Place your ruler as if to draw  Start at D, but STOP at.

Label the point where crosses the line you just drew as point X.

1. Divide into 4 congruent segments by finding the midpoint of each half. Call the point closest to A, point G. Call the one closest to C point H.
2. Draw 
3. Draw 
4. You should have 7 pieces

2 large, each  of the square

2 small 

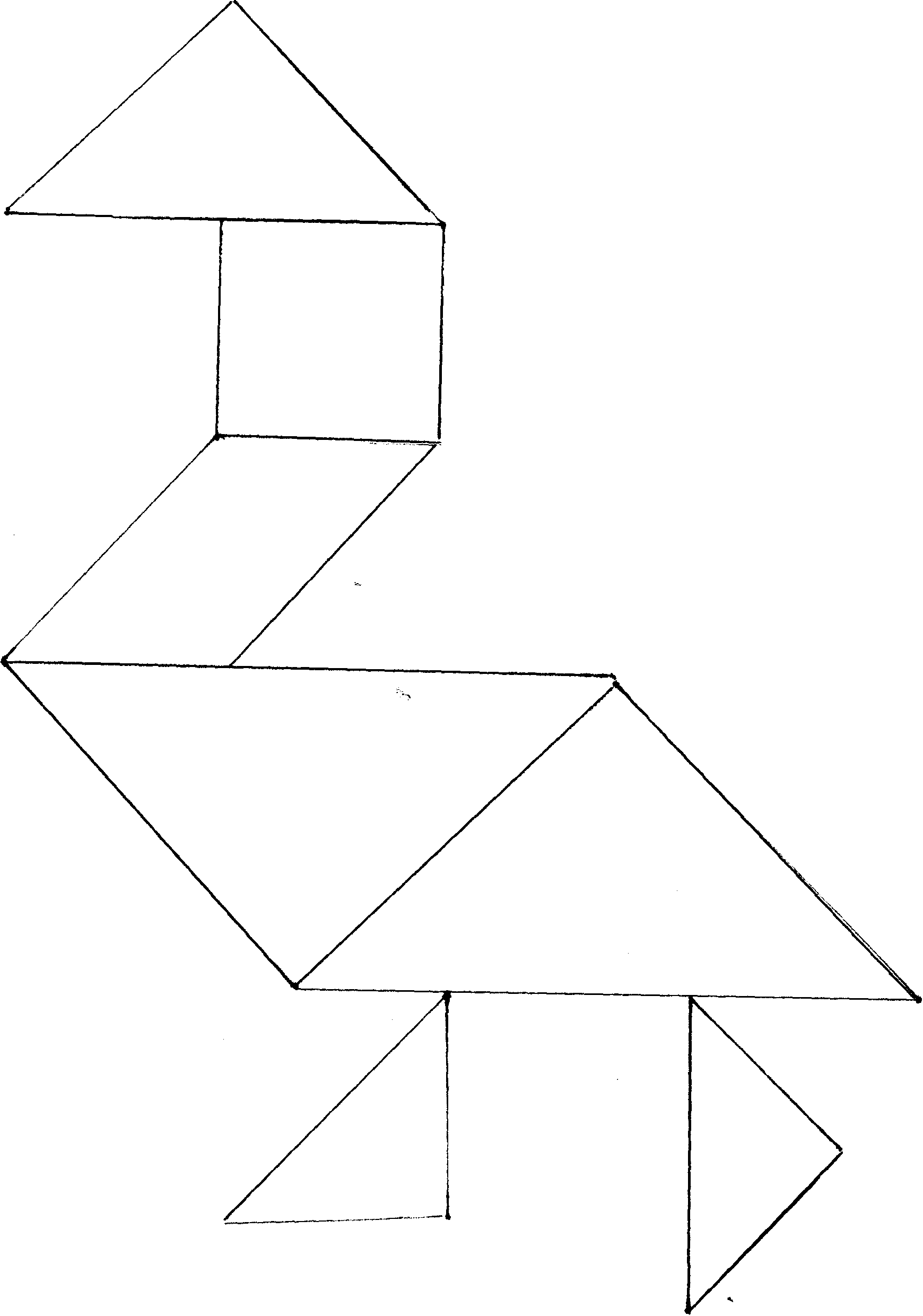
1 medium 

1 small square

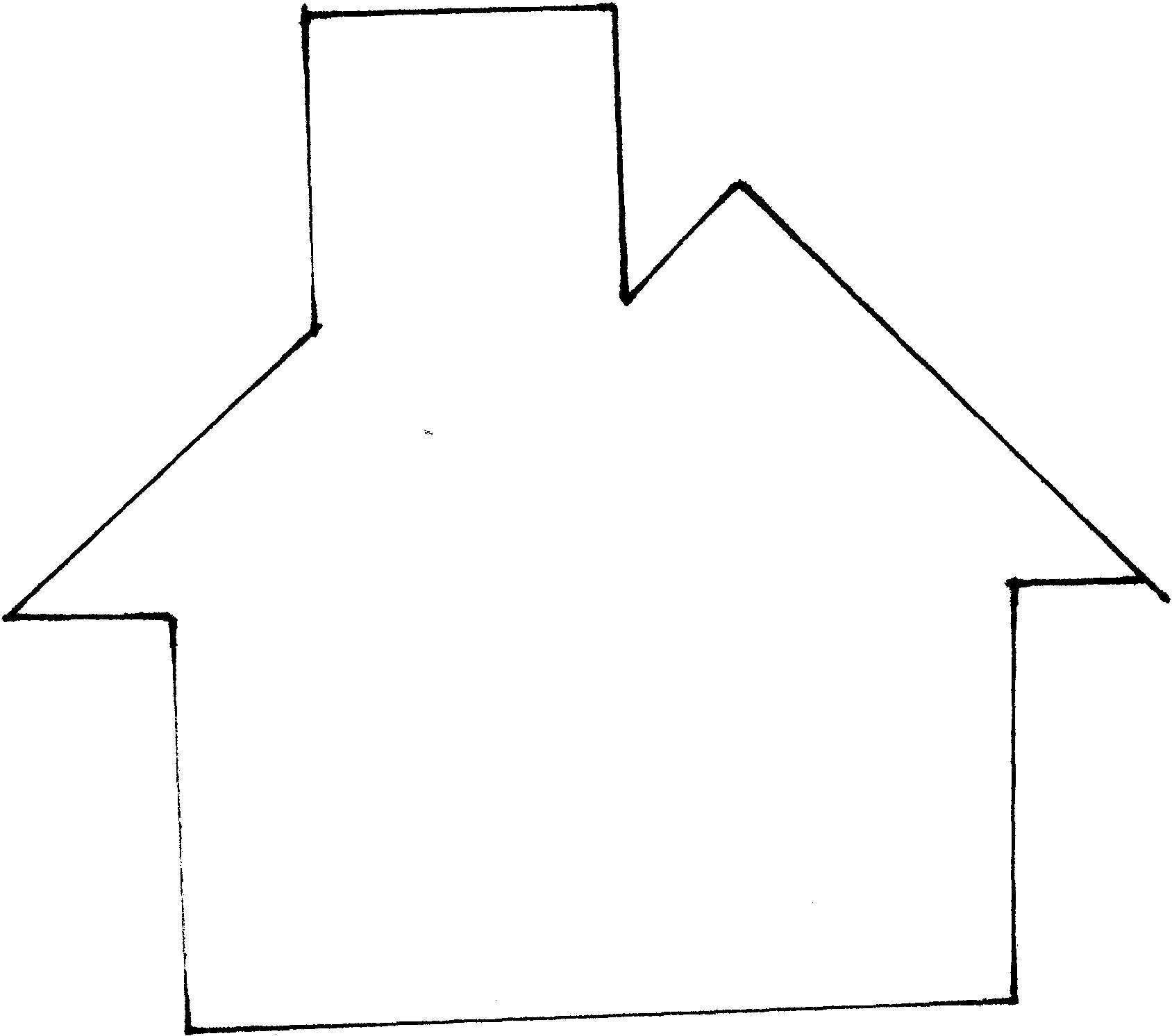
1 parallelogram

If not--retrace your steps. If so, cut out the 7 pieces and proceed to page 2.

**The 7 pieces should fit into this duck. If not – start over on page one**

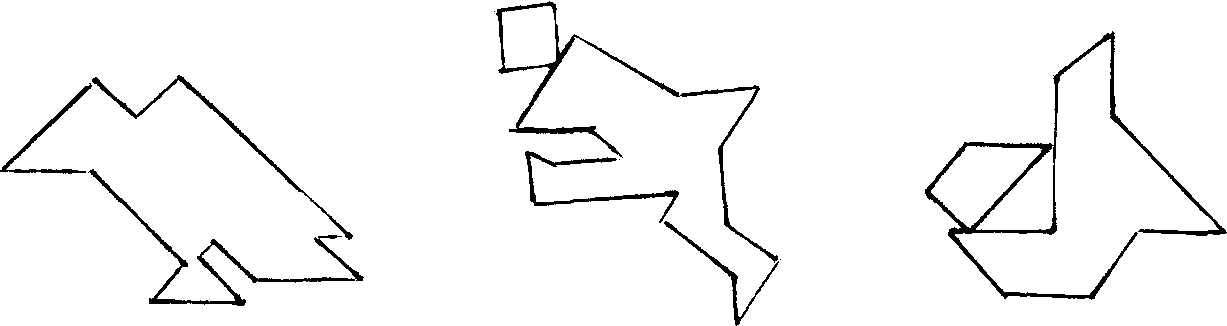


**Now do the house. You must use all 7 pieces. They cannot overlap.**



**Do as many of these as you can. Use all 7 pieces with no overlap.**

**You must get the exact shape. Show me when you complete one.**



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| --- | --- | --- | --- |
| _Pic5 | 0 | _Pic6 | _Pic7 |

